



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

LANSING DISTRICT OFFICE



LIESL EICHLER CLARK
DIRECTOR

November 6, 2019

Violation Notice No. VN-010125

CERTIFIED MAIL: 7019-1120-0000-8832-2572

Mr. Scott Wright, Environmental Manager
Diamond Chrome Plating, Incorporated
604 South Michigan Avenue
P.O. Box 557
Howell, Michigan 48844

Dear Mr. Wright:

SUBJECT: National Pollutant Discharge Elimination System (NPDES)
NPDES Permit No. MI0058204
Designated Name: Diamond Chrome Plating Inc
First Amended Consent Decree (FACD) Case No. 03-1862-CE
Violation Notice

The Department of Environment, Great Lakes, and Energy (EGLE), Water Resources Division (WRD), was notified that Diamond Chrome Plating Incorporated (DCP) is in violation of Part 31, Water Resources Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA); MCL 324.3101 et seq., and the Administrative Rules promulgated thereunder, being 2006 AACRS R 323.2101 et seq., as amended; NPDES Permit No. MI0058204; and the FACD referenced above.

- NPDES Permit Effluent Limitation Violations.** DCP reported the following total chromium and hexavalent chromium effluent limit violations (see Table 1) occurring during the period from July 2018 through July 2019. These effluent limitation exceedances are violations of your NPDES permit.

Table 1: NPDES Permit Effluent Limit Violations

Date	Parameter	Monitoring Point	Effluent Limitation, ug/l		Reported Values, ug/l	
			Daily Maximum	Monthly Average	Daily Maximum	Monthly Average
July 2018	Total Chromium	001B		130		150
December 2018	Total Chromium	001B		130		170
May 1, 2019	Hexavalent Chromium	001B	15		43	
July 10, 2019	Hexavalent Chromium	001B	15		26	

2. **WQS Rule Violations.** Monitoring results provided by DCP (see Table 2 below) indicate that DCP is discharging perfluorooctane sulfonate (PFOS) in exceedance of the Water Quality Standards (WQS) Rules via contaminated storm water and groundwater infiltration to the storm sewer at Monitoring Point 001A (MP 001A), which represents DCP's final effluent discharge to the Marion Genoa Drain, a water of the state. DCP exceeded the WQS Rules 19 times (all samples taken) from November 1, 2018, through September 12, 2019. The applicable Rule 323.1057 (Rule 57) value (for discharges into the waters of the state that are not drinking water sources) for PFOS is 12 ng/l or ppt and exceedance of this value is a violation of Rule 57 of the WQS Rules, the NPDES Permit, the FACD, and Section 3109 of Part 31 of the NREPA.

Table 2: DCP PFOS Results and Water Quality Standard

Sample Date	Water Quality Standard, ng/l	001A Effluent PFOS, ng/L
11/1/2018	12	150
11/29/2018	12	100
3/22/2019	12	64
4/5/2019	12	86
4/18/2019	12	120
4/26/2019	12	45
5/8/2019	12	32
5/23/2019	12	45
6/6/2019	12	33
6/13/2019	12	70
6/20/2019	12	26
7/3/2019	12	89
7/30/2019	12	19
8/19/2019	12	580
8/26/2019	12	83
8/30/2019	12	210
9/5/2019	12	92
9/6/2019	12	160
9/12/2019	12	51

3. **Treatment Technology-Based Exceedances.** DCP installed treatment for PFOS that is present in the storm water that is discharged to the Marion Genoa Township Drain. The treated storm water is sampled at Monitoring Point 001B. However, DCP exceeded the expected treatment technology-based concentration at Monitoring Point 001B 20 times since November 1, 2018, as shown in Table 3 below. This exceedance represents a risk for discharging storm water to the Marion Genoa Township Drain that may exceed the PFOS limit of 12 ng/l.

Table 3: Treated Storm Water Effluent PFOS Concentrations

Date	Expected Treatment Technology-Based Concentration, PFOS, ng/l	001B Effluent PFOS, ng/l
11/1/2018	20	1300
11/29/2018	20	1600
12/14/2018	20	4000
1/4/2019	20	3900
2/4/2019	20	200
2/19/2019	20	320
3/6/2019	20	260
3/15/2019	20	350
3/22/2019	20	37
4/5/2019	20	210
4/18/2019	20	33
4/26/2019	20	3500
5/8/2019	20	840
5/23/2019	20	610
6/6/2019	20	4.3
6/13/2019	20	6.1
6/20/2019	20	5.7
7/3/2019	20	100
7/30/2019	20	32
8/19/2019	20	3.1
8/26/2019	20	56
8/30/2019	20	60
9/6/2019	20	27
9/12/2019	20	6.2

4. **Required PFAS Monitoring:** In Violation Notice and Enforcement Notice (VN-008450), dated September 4, 2018, the WRD required DCP to monitor weekly (during discharge) for 24 analytes of PFAS and submit a *PFAS Non-POTW Effluent Monitoring Report* starting in September 2018 under the authority of R 323.2154(3) of the Part 21 Rules of the NREPA. DCP did not begin monitoring for PFAS until November 1, 2018, missing four weekly samples (during discharge) at Monitoring Point 001A and four weekly samples at Monitoring Point 001B. In addition, DCP has often failed to submit *PFAS Non-POTW Effluent Monitoring Reports* on or before their due date, resulting in 34 violations for late reporting.
5. **Air Pollution Control Equipment Inspections and Repair.** DCP is required to conduct and document inspections and repair, if needed, its air pollution control equipment as specified in its approved Storm Water Pollution Prevention Plan, which is enforceable under its NPDES permit and the FACD. DCP failed to record the date and

time of leak repair for the leak of the chrome plating ductwork on the west roof on April 29, 2019.

The violations identified in this Violation Notice are violations of Part 31 of the NREPA and its administrative rules, NPDES Permit No. MI0058204, and the FACD referenced above.

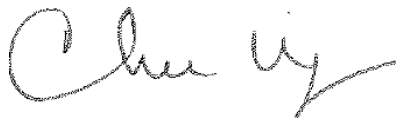
Diamond Chrome Plating shall take immediate action to achieve and maintain compliance with the terms and conditions of Part 31 of the NREPA and its administrative rules, NPDES Permit No. MI0058204, and the FACD referenced above.

Please submit a written response to this office by **December 9, 2019**. At a minimum, the response shall include DCP's plan, with implementation schedule, to address the violations listed above in Items 1-5.

If you have any factual information you would like us to consider regarding the violations identified in this Violation Notice, please provide them with your written response.

We anticipate and appreciate your cooperation in resolving this matter. Should you require further information regarding this Violation Notice or you would like to arrange a meeting to discuss it, please contact me or Ms. Carla Davidson at 517-243-1249; davidsonc@michigan.gov; or EGLE, WRD, Lansing District Office, 525 West Allegan Street, Constitution Hall, 1st Floor South, P.O. Box 30242, Lansing, Michigan 48909-7742.

Sincerely,



Cheri Meyer
Acting District Supervisor
Lansing District Office
Water Resources Division
517-282-9108

cm/sea

cc: Mr. Jerry Chinn, DCP (electronic)
Mr. Jim Colmer, BB & E (electronic)
Mr. Brian Negele, Department of Attorney General
Mr. Jon Russell, EGLE, WRD
Mr. David Pingel, EGLE, WRD
Ms. Carla Davidson, EGLE, WRD
Ms. Katelyn Wysocki, EGLE, WRD
Mr. Dan McGeen, EGLE, AQD
Ms. Rebecca Taylor, EGLE, RRD
Mr. Brian Grochowski, EGLE, MMD